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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named Inventor: Bruce D. Holenstein

§

Conf. No.:

3213

Group Art Unit: 2171

Appln. No.:

10/664,418

§ Examiner:

Filing Date:

September 17, 2003

§ Attorney Docket No.: 9203-27U1

Title: ASYNCHRONOUS COORDINATED COMMIT REPLICATION AND DUAL

WRITE WITH REPLICATION TRANSMISSION AND LOCKING OF

TARGET DATABASE ON UPDATES ONLY

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.97(b)

Enclosed are Information Disclosure Citation Forms PTO/SB/08A and B, which cite documents which may be material to the patentability of this application and/or for which there may be a duty to disclose in accordance with 37 C.F.R. §1.56.

In accordance with the official waiver posted July 11, 2003, wherein the U.S. Patent and Trademark Office officially waives the requirement under 37 C.F.R. § 1.98(a)(2)(i) for submitting copies of each cited U.S. Patent and U.S. Patent Application Publications with respect to applications filed after June 30, 2003, we have not included copies of such cited U.S. patent and U.S. Patent Application Publications. However, we will provide copies upon request. Copies of the non-patent references are attached hereto for the Examiner's convenience.

The filing of this Information Disclosure Statement shall not be construed as an admission that any of the listed documents constitutes prior art, nor as an admission against interest in any manner.

No fee is believed to be due in connection with the filing of this Information Disclosure 7138287 vI

However, the Commissioner is hereby authorized to charge any deficiencies or credit any overpayments to Deposit Account No. 50-1017 (209203.0039).

It is respectfully requested that this Information Disclosure Statement and the documents listed on the attached Forms PTO/SB/08A and B be considered and acknowledged by the Examiner in connection with the above-identified patent application, be made of record therein, and that the listed documents be cited in the issued patent.

Respectfully submitted,

Bruce D. Holenstein et al

February 9, 2004

CLARK A. JABLON

Attorney for Applicants Registration No. 35,039

Direct Dial: (215) 965-1293

E-Mail: cjablon@akingump.com

Akin Gump Strauss Hauer & Feld LLP One Commerce Square 2005 Market Street, Suite 2200 Philadelphia, PA 19103 Telephone No.: 215-965-1200

Fax No.: 215-965-1210

CAJ:vlb Enclosures

FEB 1 2 200 Form PTO/SB/08A THADEW'S

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known **Application Number** 10/664,418 September 17, 2003 **Filing Date** First Named Inventor Bruce D. Holenstein 2171 **Group Art Unit Examiner Name**

9203-27U1 of 2 **Attorney Docket Number** Sheet

LLS	PATENT	DOCUM	JENTS
U.D.		DOCON	

	U.S. Patent Document				
	Number	Kind Code (if known)	Name of Inventor or Applicant		Date of Publication of Cited Document
Exr Initials	T tunio	nno way	of Cited Document		MM-YYYY
	5,036,518		Tseung		07-1991
	5,276,871		Howarth		01-1994
	5,579,318		Reuss et al.		11-1996
	5,615,364		Marks		03-1997
	5,680,573		Rubin et al.		10-1997
	5,710,922		Alley et al.		01-1998
	5,721,915		Sockut et al.		02-1998
	5,721,916		Pardikar		02-1998
	5,721,918		Nilsson et al.		02-1998
	5,737,601		Jain et al.		04-1998
	5,740,433		Carr et al.		04-1998
.,	5,745,753		Mosher et al.		04-1998
	5,757,669		Christie et al	• • • •	05-1998
	5,758,150		Bell et al.		05-1998
	5,781,910		Gostanian et al.		07-1998
	5,794,252		Bailey et al.		08-1998
	5,799,306		Sun et al.		08-1998
	5,799,322		Mosher Jr.		08-1998
-	5,799,323		Mosher, Jr. et al.		08-1998
	5,806,075		Jain et al.		09-1998
	5,832,203		Putzolu et al		11-1998
	5,835,915		Carr et al.		11-1998
-	5,884,325		Bauer et al.		03-1999
	5,884,328		Mosher Jr.		03-1999
	5,924,096		Draper et al.		07-1999
	5,970,488		Crowe et al.		10-1999
	5,991,771		Falls et al.		11-1999
	6,012,059		Neimat et al.		01-2000
	6,122,630		Strickler et al.		09-2000
	5,095,421		Freund		03-1992
	5,452,445		Hallmark et al.		09-1995
	5,734,898		He		03-1998
	5,884,327		Cotner et al.		03-1999
	5,778,388		Kawamura et al.		07-1998
	5,799,305		Bortvedt et al.		08-1998
	5,870,761		Demers et al.		02-1999
	5,924,095		White		07-1999
	6,032,158		Mukhopadhyay et al.	· · · · · · · · · · · · · · · · · · ·	02-2000
	6,243,702	1	Bamford et al.		06-2001
	6,243,715		Bogantz et al.		06-2001
	6,353,834		Wong et al.		03-2002
	6,493,726		Ganesh et al.		12-2002
Examiner	1	 	1	Date	
Signature				Considered	İ

%rm P?	TO/SB/08B		Complete if Known				
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number	10/664,418				
		Filing Date	September 17, 2003				
		First Named Inventor	Bruce D. Holenstein				
(use as	s many sheets as necessary)	Group Art Unit	2171				
		Examiner Name					
Sheet	2 of 2	Attorney Docket Number	9203-27U1				
	OTHER PRIC	OR ART - NON PATENT LI	FERATURE DOCUMENTS				
	Include Name of first Author (in CAPITAL LETTERS), title of the article (where appropriate), title of the item (book, magazine,						
Exr Initials	journal, serial, symposium, catalog, etc.), volume-issue number(s), page(s), date (in parentheses). If a book, also include publisher and city and/or county where published.						
iiitiais	Description of Two-Phase Commit Mechanism, Oracle8 Distributed Database Systems, Release 8.0,						
	Document No. A58247-01, 1997, 3 pages.						
	Processing SQL Statements, Oracle7 Server Application Developer's Guide, 1996, 26 pages.						
		Server Concepts Manual, 1996		<u> </u>			
			ewlett-Packard Company, November 29, 1995	7			
	34 pages.		• •				
	Q&A: Replication in Microsoft Access for windows 95, Microsoft Office Developer Forum, November						
	22, 1995, 8 pages.		-				
	Multi-Version Concurrency	Control, PostgreSQL User's G	uide, Index and Chapter 10, 60-63, 1996-99, 1	1 2			
	pages.						
			Reducing Multiple Writer False Sharing", 7th	1			
	1	uages and Compiler for Paralle	Computing,				
	New York, Aug. 1994.	<u> </u>		\perp			
		printout from web site: http://w		2			
	printout date: June 1, 2001, article date: January 23, 2001, 6 pages.						
	Using the Oracle Bulk Loader, printout from web site: http://www-db.stanford.edu/~ullman/fcdb/oracle/or-load.html, printout date: June 1, 2001,						
		-	date: June 1, 2001,				
	article date: 1997-1999, 4 pages. Solutions to Common SQL*LOADER Questions, printout from web site:						
		pp/rdbms/utils/140121_1.htm, p		2			
			inflicut date: Julie 1, 2001,				
	article date: February 1995, 5 pages. VERITAS Volume Replicator TM 3.2, Administrator's Guide, August 2001, pages 1-4.						
	Double-Take Theory of Operation, Network Specialists, Inc., September 2001, pages 31-34.						
	Sun StorEdge TM Network Data Replicator Software Boosts Data Center Resilience, Storage White Paper,						
	1	•	Data Center Resinence, Storage Winter aper,	7			
		Microsystems, original publication data is unknown, tout from Sun Microsystems web site: http://www.sun.com/storage/white-papers/sndr.html					
	printout date: January 18, 2002, 25 pages.						
	Disk Mirroring – Local or Remote, White Paper, Computer Network Technology Corp. (CNT), 2001, 14						
	pages (no page 2).						
	"The Advantages and Disadvantages of Mirroring, Shared Disk and File Replication as High Availability						
		m google.com cache of web sit					
		blic/whitepapers/ntco_ha4nt.ht	ml				
	printout date: March 1, 2002, 5 pages.						
	Replication Agent for IMS and VSAM User's Guide for MVS, original publication date is unknown,						
	printout from Sybase web site: http://manuals.sybase.com/onlinebooks/group-ra/rav110e/bmcug, printout						
	date: January 23, 2002, 12 p	pages.					
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